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(54) Title: **DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH KALLIKREIN 8 (KLK8)**

(57) Abstract: The invention provides a human KLK8 which is associated with the cardiovascular diseases, dermatological diseases, neurological diseases, metabolic diseases, cancer disorders, urological diseases, gastroenterological diseases and reproduction disorders. The invention also provides assays for the identification of compounds useful in the treatment or prevention of cardiovascular diseases, dermatological diseases, neurological diseases, metabolic diseases, cancer disorders, urological diseases, gastroenterological diseases and reproduction disorders. The invention also features compounds which bind to and/or activate or inhibit the activity of KLK8 as well as pharmaceutical compositions comprising such compounds.

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